

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** June 1, 2005

**Inspector:** Diana Walden

**Location:** 115 kV Underground Route

**Storm/**

**Rain Event:** The areas received several smaller rain events totaling 0.32"-0.49" between 5/27 and 5/29 as reported by NOAA.

| Areas of Inspection   | Observation   | Recommended Action  |
|---|---|---|
| Vault Openings and Trench Construction  | <ul style="list-style-type: none"> <li>- A vault installation near #84-86 Gallows Hill Road was ongoing. 6/01/05</li> <li>- Trench milling/preparation and cover paving is ongoing along Rt. 107. 6/01/05</li> <li>- Cable and conduit were being installed within the trench in the vicinity of #46 Gallows Hill. Completed installation areas were prepared for backfill. 6/01/05</li> </ul>  | -All soil and excavated materials are being trucked off site to the Redding town yard so there is little exposed soil in the roadways. All work is in the roadway and seems well contained for the most part. 6/01/05 |
| Erosion and Sediment Controls<br>(includes inspection within 24 hours of a storm event) | <ul style="list-style-type: none"> <li>- Silt fence has been well installed where the work is located adjacent to wetlands off the roadway. A large area of silt fence was installed along the roadway for a pond located on the Redding Country Club property. 6/01/05</li> <li>- Silt fence was also installed along the Norwalk River and with in the existing right-of-way between Broad Street and the Substation in preparation for future work. 6/01/05</li> </ul> | - None at this time. Continue to monitor and maintain and repair the fence as necessary. 5/13-6/01/05   |

| Areas of Inspection                     | Observation   | Recommended Action   |
|---|---|--|
| Erosion and Sediment Controls continued | <ul style="list-style-type: none"> <li>- Several silt fence check dams have been placed in the existing country drainage swales along the roadway to protect the inlets from sedimentation. 5/13-6/01/05</li> <li>-Silt fence near an inlet in the vicinity of #58 Gallows Hill needs repair. 6/01/05</li> <li>- The work near #129 Gallows Hill is completed and the adjacent silt fence area was cleaned up. 6/01/05</li> </ul> | <ul style="list-style-type: none"> <li>- A haybale should be placed in the swale when the adjacent trench is reopened near #34 Gallows Hill and the silt fence near #58 should be repaired. 6/01/05</li> </ul> |
|   | <ul style="list-style-type: none"> <li>- Stockpiles are not currently present for the most part. All excavated material is currently clean and is being trucked to the Redding town yard and stored appropriately 5/18-6/01/05</li> <li>- One small area of loose fill was located in a pull-off area that is protected with silt fence. It was being used at the time of the site visit. 6/01/05</li> </ul>                      | <ul style="list-style-type: none"> <li>- If stockpiles for more than one day's time become necessary on site, a haybale line should be installed downgradient of the pile.</li> </ul>                          |
| Adjacent Wetlands and Waterways         | <ul style="list-style-type: none"> <li>-None of the wetland resource areas adjacent to the roadway work were affected by the activities. No sedimentation or turbidity was noted. 6/01/05</li> </ul>  | <ul style="list-style-type: none"> <li>-None at this time. Continue to monitor.</li> </ul>   |
| Staging, Storage, and Parking Areas     | <ul style="list-style-type: none"> <li>- The pull-off area on the side of Gallows Hill Rd that has been designated as a machinery parking area is still well maintained. 5/26-6/01/05</li> <li>- Clean soil excavate from the trench is being temporarily stored at the Redding Town yard in a bin/corral. The area is well contained. 5/26-6/01/05</li> </ul>  | <ul style="list-style-type: none"> <li>- No recommendations at this time. 6/01/05</li> </ul>   |

| Areas of Inspection  | Observation   | Recommended Action   |
|--|---|--|
| State species of concern, threatened and endangered species                | - No species of concern are located in this area of construction.   | - N/A  |
| Vegetative clearing limits (including trees to save or danger trees noted) | -No significant clearing has been necessary along the roadways at this time with the exception of some minor ground cover disturbance. 6/01/05<br><br>- The existing right-of-way between Broad Street and the Norwalk Substation was cleared in preparation for future work in the area. 6/01/05 | - When ground cover removal is necessary along the sides of the roadway, the areas will be restored and reseeded following the work. 6/01/05<br><br>- Silt fence is in place and ground cover remains. 6/01/05   |
| Dewatering   | - No dewatering was necessary at this time although it may become active if the area experiences any significant rains during vault installation. 6/01/05   | -None at this time. 6/01/05  |
| Blasting   | - No blasting is occurring on site at this time and it is not anticipated to be necessary.  | - None at this time.   |
| Spills and Material Storage  | -Leaks were not noted from the machinery during this inspection. 6/01/05<br><br>- The equipment from last week had been repaired. 6/01/05   | - The contractors should remain vigilant about securing and handling fuel containers.<br>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.<br>- Check equipment status on a regular basis and keep spill kits on hand.<br>- Report spills immediately, even if they are being controlled. |
| Additional Observations  | - Site preparation work in the existing right-of-way between Broad Street and the substation in Norwalk has begun as mentioned. Roadwork is waiting for a soil storage site to be identified.   |  |

| Areas of Inspection | Observation | Recommended Action |
|---------------------|-------------|--------------------|
|                     | 6/01/05     |                    |

**Next likely scheduled  
inspection:**

Thursday, June 9, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:** Diana Walden for Don Ukers



115 kV (Broad Street-Norwalk)-Clearing completed and silt fence installed from Broad Street to the Norwalk Substation. 6/1/05



Silt fence installed at Broad Street along the Norwalk River. 6/1/05





115 kV (Gallows Hill Road, Redding)-Silt fence located along Gallows Hill Road in Redding-6/1/05



Pull-off along Gallows Hill Road with some loose soil which was being used at the time of the inspection. 6/1/05





Conduit being placed along Gallows Hill Road. 6/1/05



Silt fence and haybales located along Gallows Hill Road. 6/1/05